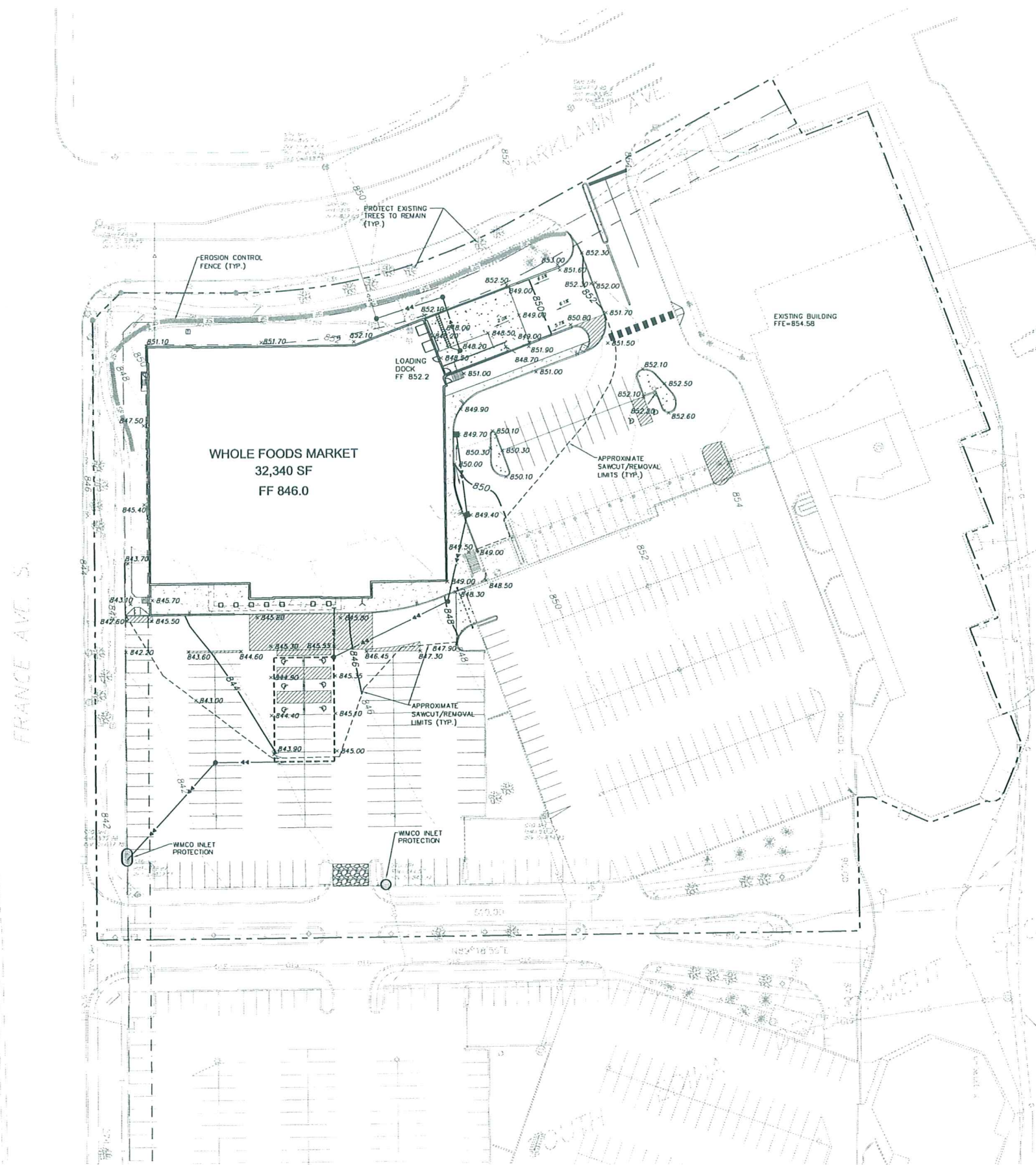


SOURCE: WESTWOOD PROFESSIONAL SERVICES AND URS.





Grading Notes

- LOCATIONS AND ELEVATIONS OF EXISTING TOPOGRAPHY AND UTILITIES AS SHOWN ON THIS PLAN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY SITE CONDITIONS AND UTILITY LOCATIONS PRIOR TO EXCAVATION/CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
- CONTRACTORS SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULE, SLOPED PAVEMENT, EXIT PORCHES, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS, EXACT BUILDING UTILITY ENTRANCE LOCATIONS, AND EXACT LOCATIONS AND NUMBER OF DOWNSPOUTS.
- ALL EXCAVATION SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR TRENCH EXCAVATION AND BACKFILL/SURFACE RESTORATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA.
- ALL DISTURBED UNPAVED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL AND 500 OR SEED. THESE AREAS SHALL BE WATERED UNTIL A HEALTHY STAND OF GRASS IS OBTAINED. SEE LANDSCAPE PLAN FOR PLANTING AND TURF ESTABLISHMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TRAFFIC CONTROL DEVICES SUCH AS BARRICADES, WARNING SIGNS, DIRECTIONAL SIGNS, FLAGMEN AND LIGHTS TO CONTROL THE MOVEMENT OF TRAFFIC WHERE NECESSARY. PLACEMENT OF THESE DEVICES SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT. TRAFFIC CONTROL DEVICES SHALL CONFORM TO APPROPRIATE MNDOT STANDARDS.
- ALL SLOPES SHALL BE GRADED TO 3:1 OR FLATTER, UNLESS OTHERWISE INDICATED ON THIS SHEET.
- CONTRACTOR SHALL UNIFORMLY GRADE AREAS WITHIN LIMITS OF GRADING AND PROVIDE A SMOOTH FINISHED SURFACE WITH UNIFORM SLOPES BETWEEN POINTS WHERE ELEVATIONS ARE SHOWN OR BETWEEN SUCH POINTS AND EXISTING GRADES.
- SPOT ELEVATIONS SHOWN INDICATE FINISHED PAVEMENT ELEVATIONS & GUTTER FLOW LINE UNLESS OTHERWISE NOTED. PROPOSED CONTOURS ARE TO FINISHED SURFACE GRADE.
- SEE SOILS REPORT FOR PAVEMENT THICKNESSES AND HOLD DOWNS.
- CONTRACTOR SHALL DISPOSE OF ANY EXCESS SOIL MATERIAL THAT EXISTS AFTER THE SITE GRADING AND UTILITY CONSTRUCTION IS COMPLETED. THE CONTRACTOR SHALL DISPOSE OF ALL EXCESS SOIL MATERIAL IN A MANNER ACCEPTABLE TO THE OWNER AND THE REGULATING AGENCIES.
- CONTRACTOR SHALL PROVIDE A STRUCTURAL RETAINING WALL DESIGN CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER.
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL, STATE AND FEDERAL RULES INCLUDING THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT REQUIREMENTS.
- PRIOR TO PLACEMENT OF ANY STRUCTURE OR PAVEMENT, A PROOF ROLL, AT MINIMUM, WILL BE REQUIRED ON THE SUBGRADE. PROOF ROLLING SHALL BE ACCOMPLISHED BY MAKING MINIMUM OF 2 COMPLETE PASSES WITH FULLY-LOADED TANDEN-AXLE DUMP TRUCK, OR APPROVED EQUIVALENT, IN EACH OF 2 PERPENDICULAR DIRECTIONS WHILE UNDER SUPERVISION AND DIRECTION OF THE INDEPENDENT TESTING LABORATORY. AREAS OF FAILURE SHALL BE EXCAVATED AND RECOMPACTED AS SPECIFIED HEREIN.
- EMBANKMENT MATERIAL PLACED BENEATH BUILDINGS AND STREET OR PARKING AREAS SHALL BE COMPACTED IN ACCORDANCE WITH THE SPECIFIED DENSITY METHOD AS OUTLINED IN MNDOT 2105.3F1 AND THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEER.
- EMBANKMENT MATERIAL NOT PLACED IN THE BUILDING PAD, STREETS OR PARKING AREA, SHALL BE COMPACTED IN ACCORDANCE WITH REQUIREMENTS OF THE ORDINARY COMPACTION METHOD AS OUTLINED IN MNDOT 2105.3F2.
- ALL SOILS AND MATERIALS TESTING SHALL BE COMPLETED BY AN INDEPENDENT GEOTECHNICAL ENGINEER. EXCAVATION FOR THE PURPOSE OF REMOVING UNSTABLE OR UNSUITABLE SOILS SHALL BE COMPLETED AS REQUIRED BY THE GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED SOILS TESTS AND INSPECTIONS WITH THE GEOTECHNICAL ENGINEER.

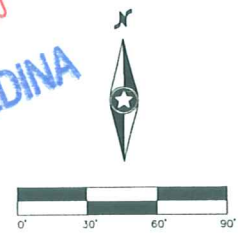
Erosion Control Notes

- SILT FENCE WILL BE INSTALLED AROUND SITE IN ALL FILL AREAS AND LOCATIONS WHERE STORM WATER RUNOFF MAY LEAVE THE SITE. PRIOR TO ANY EXCAVATION/CONSTRUCTION ACTIVITIES.
- ROCK CONSTRUCTION ENTRANCE WILL BE INSTALLED AT ALL CONSTRUCTION ENTRANCES.
- SILTATION AND EROSION CONTROL: THE CONTRACTOR SHALL ASSUME COMPLETE RESPONSIBILITY FOR CONTROLLING ALL SILTATION AND EROSION OF THE PROJECT AREA. THE CONTRACTOR SHALL USE WHATEVER MEANS NECESSARY TO CONTROL THE EROSION AND SILTATION INCLUDING BUT NOT LIMITED TO CATCH BASIN INSERTS, ROCK CONSTRUCTION ENTRANCES, EROSION CONTROL BLANKET, AND SILT FENCE. CONTROL SHALL COMMENCE WITH GRADING AND CONTINUE THROUGHOUT THE PROJECT UNTIL ACCEPTANCE OF THE WORK BY THE OWNER. THE CONTRACTOR'S RESPONSIBILITY INCLUDES ALL IMPLEMENTATION AS REQUIRED TO PREVENT EROSION AND THE DEPOSITING OF SILT. THE OWNER MAY DIRECT THE CONTRACTOR'S METHODS AS DEEMED FIT TO PROTECT PROPERTY AND IMPROVEMENTS. ANY DEPOSITION OF SILT OR MUD ON NEW OR EXISTING PAVEMENT OR IN EXISTING STORM SEWERS OR SWALES SHALL BE REMOVED AFTER EACH RAIN AFFECTED AREAS SHALL BE CLEANED TO THE SATISFACTION OF THE OWNER, ALL AT THE EXPENSE OF THE CONTRACTOR. ALL TEMPORARY EROSION CONTROL SHALL BE REMOVED BY THE CONTRACTOR AFTER THE TURF IS ESTABLISHED.
- CONTRACTOR SHALL INSTALL TEMPORARY INLET PROTECTION (WMCO OR EQUIVALENT) AROUND ALL CATCH BASIN GRATE INLETS, AFFECTED BY THIS CONSTRUCTION.
- ALL DISTURBED AREAS SHALL HAVE TEMPORARY PROTECTION OR PERMANENT COVER OVER EXPOSED SOIL AREAS IF NOT BEING ACTIVELY GRADED WITHIN SEVEN (7) DAYS.
- FOR AREAS WITH SLOPE OF 3:1 OR GREATER, RESTORATION WITH 500 OR WOOD FIBER BLANKET IS REQUIRED.
- PUBLIC STREETS USED FOR HAULING SHALL BE KEPT FREE OF SOIL AND DEBRIS. STREET SWEEPING SHALL BE COMPLETED DAILY.

Grading Legend

EXISTING	PROPOSED	
---	---	PROPERTY LINE
---	---	LOT LINE
---	---	INDEX CONTOUR
---	---	INTERVAL CONTOUR
---	---	CURB AND GUTTER
---	---	SILT FENCE
---	---	STORM SEWER
---	---	WATER MAIN
---	---	SANITARY SEWER
---	---	RETAINING WALL
---	---	DRAIN TILE
---	---	BREAK LINE
---	---	GRADING LIMITS
---	---	ROCK CONSTRUCTION ENTRANCE OR EQUIVALENT
---	---	SPOT ELEVATION
---	---	FLOW DIRECTION
---	---	TOP AND BOTTOM OF RETAINING WALL
---	---	EMERGENCY OVERFLOW
---	---	SOIL BORING LOCATION
---	---	CATCH BASIN INLET PROTECTION

PLANNING DEPARTMENT
OCT 29 2010
CITY OF EDINA



NOT FOR CONSTRUCTION

Date: 10/29/10 Sheet: C3 OF 7



Westwood Professional Services, Inc.
7055 Anagram Drive
Eden Prairie, MN 55344
PHONE 952-827-5110
FAX 952-850-5827
TOLL FREE 1-888-337-1198
www.westwoodps.com

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly licensed PROFESSIONAL ENGINEER under the laws of the State of Minnesota.
David M. Parks
Date: 10/29/10 License No. 18919

Designed: CWP
Checked: CWP
Drawn: CWP
Record Drawing: by/sem

Prepared for:

Centennial Lakes Plaza, LLC \ Mid-America Real Estate-Minnesota, LLC

5553 Wayzata Boulevard, Suite 650
Minneapolis, Minnesota 55416

Whole Foods

Edina, Minnesota

Grading & Drainage Plan

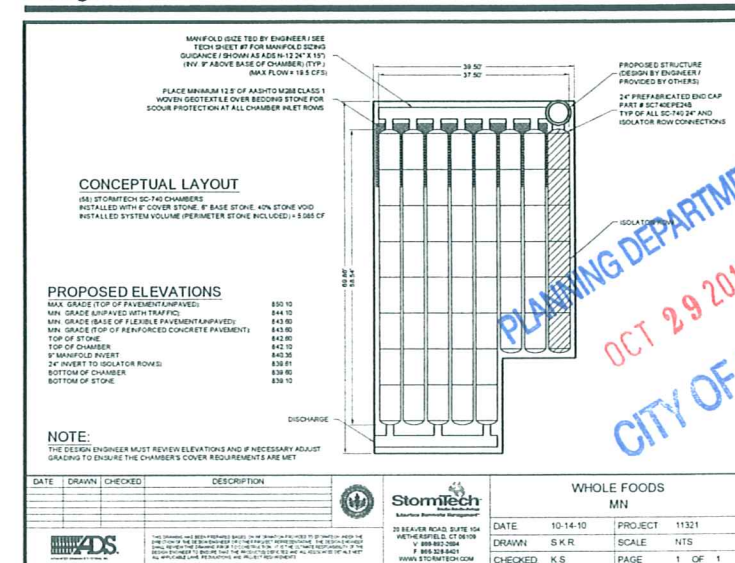
Sewer Structure Schedule

STRUCTURE NO.	TOP ELEVATION	INV. ELEVATION
SAN MH-1	851.7	833.7/839.0 E DROP SECT.
SAN MH-2	852.0	840.4
SAN MH-3	848.5	841.0
GREASE TRAP	848.3	842.0
ST MH-51	852.0	840.4 N, 843.0 E
ST MH-52	852.0	844.5
CB MH-53	848.2	845.2, 843.2 SUMP
TRENCH DRAIN-54	848.0	846.0
ST MH-55	842.9	838.5
ST MH-56	845.5	841.5
STUB-56A	-	842.0
ST MH-57	848.0	844.0
CB MH-58	849.4	846.2, 844.2 SUMP
CB-59	849.7	846.7

Utility Legend

EXISTING	PROPOSED	
---	---	PROPERTY LINE
---	---	LOT LINE
---	---	EASEMENT LINE
---	---	CURB AND GUTTER
---	---	SANITARY SEWER (PVC SDR 26 OR SCHEDULE 40)
---	---	SANITARY SEWER FORCE MAIN
---	---	STORM SEWER (RCP OR HDPE)
---	---	WATER MAIN (CIP)
---	---	HYDRANT
---	---	CAS
---	---	UNDERGROUND ELECTRIC
---	---	OVERHEAD ELECTRIC
---	---	UNDERGROUND TELEPHONE
---	---	OVERHEAD TELEPHONE
---	---	TELEPHONE FIBER OPTIC
---	---	CABLE TELEVISION
---	---	DRAIN TILE
---	---	GATE VALVE
---	---	FLARED END SECTION (WITH RIPRAP)
---	---	LIGHT POLE
---	---	VERTICAL UTILITY SEPARATION
---	---	CLEANOUT
---	---	CURB STOP
---	---	SPOT ELEVATION
---	---	FLOW DIRECTION

Underground Storm Vault Detail



General Utility Notes

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND LIMITED MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION SHALL NOT BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY THE OWNER OR ENGINEER OF DISCREPANCIES.
- ALL SANITARY SEWER, STORM SEWER AND WATER MAIN INSTALLATIONS SHALL BE PER MINNESOTA PLUMBING CODE AND IN ACCORDANCE WITH THE CURRENT EDITION OF "STANDARD SPECIFICATIONS FOR WATER MAIN AND SERVICE LINE INSTALLATION AND SANITARY SEWER AND STORM SEWER INSTALLATION" AS PREPARED BY THE CITY ENGINEERS ASSOCIATION OF MINNESOTA.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN THE NECESSARY FEDERAL, STATE AND LOCAL PERMITS FOR THE PROPOSED WORK OR VERIFY WITH THE OWNER OR ENGINEER THAT PERMITS HAVE BEEN OBTAINED. PERMIT FEES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR UNLESS OTHERWISE ARRANGED WITH THE OWNER.
- CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION AND DIMENSIONS OF DOORWAYS, RAMPS, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY CONNECTION LOCATIONS.
- ALL PRIVATE UTILITIES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE APPROPRIATE UTILITY COMPANY. THE CONTRACTOR SHALL COORDINATE THE SERVICE LINE CONSTRUCTION WITH THE UTILITY COMPANIES.
- CONTRACTOR SHALL OBTAIN ALL NECESSARY CITY PERMITS FOR UTILITY CONNECTIONS, AND UTILITIES SHALL BE INSPECTED AND APPROVED BY THE CITY. THE CITY SHALL BE NOTIFIED 48-HOURS PRIOR TO COMMENCING WITH THE UTILITY CONSTRUCTION OR ANY REQUIRED TESTING. CONTRACTOR SHALL NOT OPERATE, INTERFERE WITH, CONNECT ANY PIPE OR HOSE TO, OR TAP ANY WATER MAIN BELONGING TO THE CITY UNLESS DULY AUTHORIZED TO DO SO BY THE CITY. ANY ADVERSE CONSEQUENCES OF SCHEDULED OR UNSCHEDULED DISRUPTIONS OF SERVICE TO THE PUBLIC ARE TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
- WATER MAIN LENGTHS AS SHOWN ARE APPROXIMATE HORIZONTAL LENGTHS. ALLOW FOR ADDITIONAL PIPE WHEN INSTALLING ON SLOPES OR WHEN DEFLECTIONS ARE REQUIRED. THE JOINT DEFLECTIONS SHALL NOT EXCEED THE MAXIMUM RECOMMENDED BY THE PIPE MANUFACTURER OR BY LOCAL GOVERNING SPECIFICATIONS. FITTINGS REQUIRED TO CONSTRUCT WATER MAIN SHALL BE INCLUDED IN WATER MAIN CONSTRUCTION.
- PROVIDE WATER MAIN THRUST RESTRAINTS PER CITY STANDARD REQUIREMENTS.
- A MINIMUM VERTICAL SEPARATION OF 18 INCHES IS REQUIRED AT ALL WATER MAIN CROSSINGS WITH SANITARY SEWER OR STORM SEWER.
- UTILITY SERVICES TYPICALLY TERMINATE 5' OUTSIDE BUILDING WALL UNLESS OTHERWISE SHOWN OR NOTED.
- ALL MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY.
- ALL WATER LINES SHALL BE DUCTILE IRON WRAPPED IN POLYETHYLENE, CLASS 52 WITH 7.5" MINIMUM COVER. PROVIDE MINIMUM SEPARATION OF 18" FROM SANITARY SEWER & STORM SEWER. INSULATE WATER MAIN IF LESS THAN 7.5' OF COVER.
- INSULATION SHALL BE DOW STYROFOAM HI BRAND 35 OR EQUIVALENT, WITH 4 INCHES OF THICKNESS.
- SANITARY SEWER PIPE OUTSIDE THE BUILDING ENVELOPE SHALL BE POLYVINYL CHLORIDE (PVC) SDR 35 OR 26. SDR 26 IS REQUIRED FOR DEPTHS GREATER THAN 15 FEET. SANITARY SEWER PIPE WITHIN 5 FEET OF BUILDING AND UNDER FOOTINGS, PIPE SHALL BE PVC SCHEDULE 40.
- STORM SEWER PIPE SHALL BE REINFORCED CONCRETE PIPE (CLASS 5 FOR PIPE DIAMETERS 18" AND SMALLER, CLASS 3 FOR PIPE DIAMETERS 21" AND LARGER UNLESS OTHERWISE NOTED) WITH R-4 GASKETS, OR HDPE STORM SEWER PIPE IF ALLOWED BY THE CITY. HDPE STORM PIPE SHALL MEET REQUIREMENTS OF AASHTO M234, TYPE 5 WITH WATERTIGHT CONNECTIONS. SEE PLAN FOR LOCATIONS WHERE RCP IS REQUIRED. PVC STORM SEWER PIPE SHALL BE SCHEDULE 40 PIPE. FLARED END SECTIONS SHALL BE RCP WITH TRASH GUARDS & RIP-RAP.
- POST INDICATOR VALVES SHALL BE CLOW F-5750 (OR EQUIVALENT) MEETING ANWA STANDARD C509 AND CITY STANDARDS. VALVE TO BE MECHANICAL JOINT RESILIENT WEDGE GATE VALVE. POST TO BE ADJUSTABLE FOR 8 FEET WATER MAIN DEPTH. THE ELECTRICAL ALARM SWITCH SHALL BE PART NO. PCV52 (OR EQUIVALENT).
- AFTER CONSTRUCTION IS COMPLETED, THE CONTRACTOR SHALL PROVIDE THE OWNER WITH AN AS-BUILT RECORD OF UTILITY CONSTRUCTION. THE AS-BUILT SHALL INCLUDE LOCATION AND LENGTH DEVIATIONS OR CHANGES TO THE PLAN. CONTRACTOR TO VERIFY WITH OWNER OR ENGINEER WHETHER A PLAN WITH POST-CONSTRUCTION ELEVATIONS IS REQUIRED.

NOT FOR CONSTRUCTION

Date: 10/29/10 Sheet: C4 OF 7

Revisions:

Designed: DMP
Checked: DMP
Drawn: CJP
Record Drawing by/Date:

Prepared for:

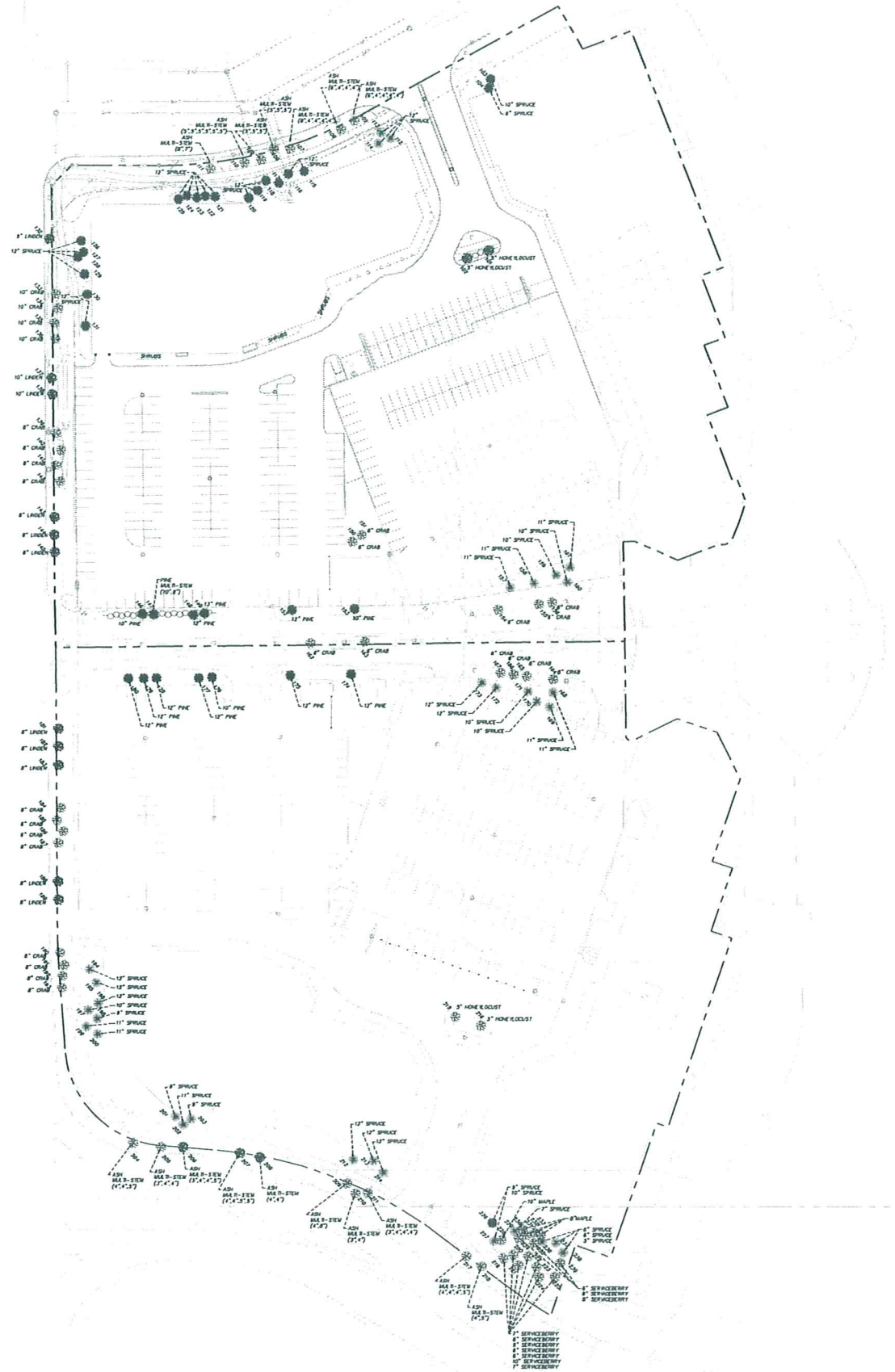
Centennial Lakes Plaza, LLC \ Mid-America Real Estate-Minnesota, LLC

5353 Wayzata Boulevard, Suite 650
Minneapolis, Minnesota 55416

Whole Foods

Edina, Minnesota

Utility Plan



TREE SURVEY

PARCEL	NUMBER	SPECIES	SIZE	SAVE/REMOVE
NORTH	101	HONEYLOCUST	5"	REMOVE
NORTH	102	HONEYLOCUST	5"	REMOVE
NORTH	103	SPRUCE	10"	REMOVE
NORTH	104	SPRUCE	8"	REMOVE
NORTH	105	MULTI-STEM ASH	6", 4", 4", 4", 4"	SAVE
NORTH	106	MULTI-STEM ASH	6", 4", 4", 4", 4"	SAVE
NORTH	107	MULTI-STEM ASH	6", 4", 4", 4", 4"	SAVE
NORTH	108	MULTI-STEM ASH	5", 5", 5"	SAVE
NORTH	109	MULTI-STEM ASH	5", 5", 5"	SAVE
NORTH	110	MULTI-STEM ASH	6", 6", 6", 6", 6"	SAVE
NORTH	111	MULTI-STEM ASH	8", 7", 7"	SAVE
NORTH	112	SPRUCE	12"	SAVE
NORTH	113	SPRUCE	12"	SAVE
NORTH	114	SPRUCE	12"	SAVE
NORTH	115	SPRUCE	12"	REMOVE
NORTH	116	SPRUCE	12"	REMOVE
NORTH	117	SPRUCE	12"	REMOVE
NORTH	118	SPRUCE	12"	REMOVE
NORTH	119	SPRUCE	12"	REMOVE
NORTH	120	SPRUCE	12"	REMOVE
NORTH	121	SPRUCE	12"	REMOVE
NORTH	122	SPRUCE	12"	REMOVE
NORTH	123	SPRUCE	12"	REMOVE
NORTH	124	SPRUCE	12"	REMOVE
NORTH	125	SPRUCE	12"	REMOVE
NORTH	126	SPRUCE	12"	REMOVE
NORTH	127	SPRUCE	12"	REMOVE
NORTH	128	SPRUCE	12"	REMOVE
NORTH	129	SPRUCE	12"	REMOVE
NORTH	130	SPRUCE	12"	REMOVE
NORTH	131	SPRUCE	12"	REMOVE
NORTH	132	LINDEN	9"	REMOVE
NORTH	133	CRAB	10"	SAVE
NORTH	134	CRAB	10"	SAVE
NORTH	135	CRAB	10"	SAVE
NORTH	136	CRAB	10"	SAVE
NORTH	137	LINDEN	10"	REMOVE
NORTH	138	LINDEN	10"	REMOVE
NORTH	139	CRAB	8"	SAVE
NORTH	140	CRAB	8"	SAVE
NORTH	141	CRAB	8"	SAVE
NORTH	142	CRAB	8"	SAVE
NORTH	143	LINDEN	8"	REMOVE
NORTH	144	LINDEN	8"	REMOVE
NORTH	145	LINDEN	8"	REMOVE
NORTH	146	PINE	10"	REMOVE
NORTH	147	MULTI-STEM PINE	10", 8"	REMOVE
NORTH	148	PINE	12"	REMOVE
NORTH	149	PINE	13"	REMOVE
NORTH	150	CRAB	6"	SAVE
NORTH	151	CRAB	6"	SAVE
NORTH	152	PINE	12"	REMOVE
NORTH	153	PINE	10"	REMOVE
NORTH	154	CRAB	6"	SAVE
NORTH	155	CRAB	6"	SAVE
NORTH	156	CRAB	6"	SAVE
NORTH	157	SPRUCE	11"	SAVE
NORTH	158	SPRUCE	11"	SAVE
NORTH	159	SPRUCE	10"	SAVE
NORTH	160	SPRUCE	10"	SAVE
NORTH	161	SPRUCE	11"	SAVE
NORTH	162	CRAB	6"	SAVE
NORTH	163	CRAB	6"	SAVE

TREE SURVEY - CONTINUED

PARCEL	NUMBER	SPECIES	SIZE	SAVE/REMOVE
SOUTH	164	CRAB	6"	SAVE
SOUTH	165	CRAB	6"	SAVE
SOUTH	166	CRAB	6"	SAVE
SOUTH	167	CRAB	6"	SAVE
SOUTH	168	SPRUCE	11"	SAVE
SOUTH	169	SPRUCE	11"	SAVE
SOUTH	170	SPRUCE	10"	SAVE
SOUTH	171	SPRUCE	10"	SAVE
SOUTH	172	SPRUCE	12"	SAVE
SOUTH	173	SPRUCE	12"	SAVE
SOUTH	174	PINE	12"	REMOVE
SOUTH	175	PINE	12"	REMOVE
SOUTH	176	PINE	10"	REMOVE
SOUTH	177	PINE	12"	REMOVE
SOUTH	178	PINE	12"	REMOVE
SOUTH	179	PINE	12"	REMOVE
SOUTH	180	PINE	12"	REMOVE
SOUTH	181	LINDEN	8"	REMOVE
SOUTH	182	LINDEN	8"	REMOVE
SOUTH	183	LINDEN	8"	REMOVE
SOUTH	184	CRAB	8"	SAVE
SOUTH	185	CRAB	8"	SAVE
SOUTH	186	CRAB	6"	SAVE
SOUTH	187	CRAB	8"	SAVE
SOUTH	188	LINDEN	8"	REMOVE
SOUTH	189	LINDEN	8"	REMOVE
SOUTH	190	CRAB	8"	SAVE
SOUTH	191	CRAB	8"	SAVE
SOUTH	192	CRAB	8"	SAVE
SOUTH	193	CRAB	8"	SAVE
SOUTH	194	SPRUCE	12"	SAVE
SOUTH	195	SPRUCE	12"	SAVE
SOUTH	196	SPRUCE	12"	SAVE
SOUTH	197	SPRUCE	10"	SAVE
SOUTH	198	SPRUCE	9"	SAVE
SOUTH	199	SPRUCE	11"	SAVE
SOUTH	200	SPRUCE	11"	SAVE
SOUTH	201	SPRUCE	9"	SAVE
SOUTH	202	SPRUCE	11"	SAVE
SOUTH	203	SPRUCE	9"	SAVE
SOUTH	204	MULTI-STEM ASH	4", 4", 5"	SAVE
SOUTH	205	MULTI-STEM ASH	3", 4", 4", 5"	SAVE
SOUTH	206	MULTI-STEM ASH	3", 4", 4", 5"	REMOVE
SOUTH	207	MULTI-STEM ASH	4", 4", 5", 5"	REMOVE
SOUTH	208	MULTI-STEM ASH	4", 4", 5"	REMOVE
SOUTH	209	MULTI-STEM ASH	4", 8"	SAVE
SOUTH	210	MULTI-STEM ASH	3", 4", 4"	SAVE
SOUTH	211	MULTI-STEM ASH	3", 4", 4", 4"	SAVE
SOUTH	212	SPRUCE	12"	SAVE
SOUTH	213	SPRUCE	12"	SAVE
SOUTH	214	SPRUCE	12"	SAVE
SOUTH	215	HONEYLOCUST	5"	SAVE
SOUTH	216	HONEYLOCUST	5"	SAVE
SOUTH	217	MULTI-STEM ASH	4", 4", 4", 5"	SAVE
SOUTH	218	MULTI-STEM ASH	4", 5", 5"	SAVE
SOUTH	219	SERVICEBERRY	7"	SAVE
SOUTH	220	SERVICEBERRY	6"	SAVE
SOUTH	221	SERVICEBERRY	9"	SAVE
SOUTH	222	SERVICEBERRY	6"	SAVE
SOUTH	223	SERVICEBERRY	6"	SAVE
SOUTH	224	SERVICEBERRY	10"	SAVE
SOUTH	225	SERVICEBERRY	7"	SAVE
SOUTH	226	SPRUCE	7"	REMOVE
SOUTH	227	SPRUCE	10"	SAVE
SOUTH	228	MAPLE	10"	SAVE
SOUTH	229	SPRUCE	7"	SAVE
SOUTH	230	MAPLE	8"	SAVE
SOUTH	231	MAPLE	8"	SAVE
SOUTH	232	MAPLE	8"	SAVE
SOUTH	233	MAPLE	8"	SAVE
SOUTH	234	SERVICEBERRY	6"	SAVE
SOUTH	235	SERVICEBERRY	6"	SAVE
SOUTH	236	SPRUCE	6"	SAVE
SOUTH	237	SPRUCE	6"	SAVE
SOUTH	238	SPRUCE	5"	SAVE
SOUTH	239	SERVICEBERRY	8"	SAVE

TREE SURVEY - SUMMARY

TOTAL TREES = 139

SAVED TREES = 90

21 = DECIDUOUS SHADE

37 = DECIDUOUS ORNAMENTAL

32 = EVERGREEN

REMOVED TREES = 49

16 = DECIDUOUS SHADE

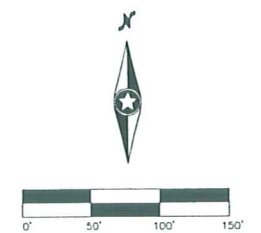
00 = DECIDUOUS ORNAMENTAL

33 = EVERGREEN

Tree Legend

EXISTING TREE TO REMAIN	EXISTING TREE TO BE REMOVED	EXISTING TREE SIZE AND SPECIES	EXISTING TREE NUMBER

PLANNING DEPARTMENT
OCT 29 2010
CITY OF EDINA



NOT FOR CONSTRUCTION

Date: 10/29/10 Sheet: L1 OF 7



Westwood Professional Services, Inc.
7099 Arapahoe Drive
Eden Prairie, MN 55344
PHONE 952-881-5130
FAX 952-881-5823
TOLL FREE 1-800-532-5130
www.westwoodps.com

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed LANDSCAPE ARCHITECT under the laws of the State of Minnesota.
Paul D. Schroeder
Date: 10/29/10 License No. 25820

Revisions

Designed: PCB
Checked: PCB
Drawn: PCB
Record Drawing by/dwn

Prepared for:

Centennial Lakes Plaza, LLC \ Mid-America Real Estate-Minnesota, LLC

5353 Wayzata Boulevard, Suite 650
Minneapolis, Minnesota 55416

Whole Foods

Edina, Minnesota

Tree Inventory
& Preservation
Plan

Landscape Notes

1. VERIFY ALL LANDSCAPE IMPROVEMENTS WITH REMOVALS AND SITE WORK.
2. ALL DISTURBED LANDSCAPED AREAS, NOT INDICATED AS PLANTING BEDS, ARE TO BE SEED, UNLESS NOTED OTHERWISE. SEEDING TO BE PER MINNESOTA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, 2000 EDITION AND PER 2007 SEEDING MANUAL. 500 IS TO BE PRIMARILY KENTUCKY BLUEGRASS, FREE OF LAWN GRASS WEEDS. MATCH INTO EXISTING, AS APPLICABLE. ANCHOR 500 ON SLOPED OR POTENTIAL EROSION AREAS, OR AS REQUIRED.
3. CONTRACTOR TO VERIFY PLANTS REQUIRED AS REFLECTED ON PLAN, NOTIFY LANDSCAPE ARCHITECT IF PLAN AND SCHEDULE DO NOT MATCH. ALL PLANT MATERIAL TO ADHERE TO THE AMERICAN STANDARD FOR NURSERY STOCK, LATEST VERSION. ADD FERTILIZER, HERBACIDE, AND PESTICIDE AS NECESSARY FOR OPTIMUM GROWTH.
4. PROVIDE A MINIMUM OF 4" TOPSOIL IN LAWN AREAS AND 12" TOPSOIL IN LANDSCAPE BEDS. ADD SOIL AMENDMENTS FOR OPTIMUM PLANT GROWTH. ALL PARKING ISLAND GRADES SHALL HAVE A SIGNIFICANT CROWN.
5. ALL PLANTING BEDS TO BE SPADED EGGED TO A MINIMUM DEPTH OF 4" AS SHOWN ON PLANS.
6. SHREDDED HARDWOOD MULCH SHALL BE COLORED, RED CANYON BY SYLVIA, OR APPROVED EQUAL, AND AT A MINIMUM 4" DEPTH, FREE OF ALL DELETERIOUS MATERIAL.
7. ROCK COBBLESTONES TO BE A VARIETY OF FIELD STONES RANGING IN SIZE APPROXIMATELY 4" TO 12" DIAMETER, AND ANCHORED IN THE GROUND. BOULDER TO BE KASOTA OR CHILTON LIMESTONE(TAN) APPROXIMATELY 24" WIDE X 24" HIGH X 48" LONG, ROUGH FACE, ANCHORED ON TOP OF GROUND AND LEVEL. OWNER/LANDSCAPE ARCHITECT TO APPROVE PRIOR TO DELIVERY.
8. SINGLE TREE AND SHRUB PLANTINGS SHALL HAVE A 4" DEPTH SHREDDED HARDWOOD MULCH RING AROUND EACH BASE. DECIDUOUS PLANT MATERIAL SHALL HAVE A MINIMUM 3" DIAMETER RING, EVERGREEN PLANT MATERIAL SHALL HAVE A RING TO THE DRIP LINE.
9. EXISTING TREES AND SHRUBS, THROUGHOUT THE PROPERTY, SHALL BE PRUNED TO REMOVE DEAD OR UNSOUNDABLE LIMBS AND TO SHAPE PLANT FOR DESIRABLE APPEARANCE AND COMPLETED BY A QUALIFIED INDIVIDUAL. CONTRACTOR TO CLEAR AND GRUB EXISTING VEGETATION AND DISPOSE OF ALL REMOVALS OFF-SITE PER PROJECT IMPROVEMENTS.
10. CONTRACTOR TO WATER PLANT MATERIAL DURING INSTALLATION AND DURING ESTABLISHMENT PERIOD. VOLUME OF WATER TO BE PER PLANT REQUIREMENT FOR ESTABLISHMENT AND NORMAL GROWTH. WATER EXISTING PLANTS UNTIL IRRIGATION SYSTEM IS FULLY OPERATIONAL.
11. CONTRACTOR TO WARRANTY NEW PLANT MATERIAL FOR ONE-YEAR UPON PROJECT COMPLETION AND OWNER'S ACCEPTANCE.
12. PROPERTY SHALL HAVE AUTOMATIC UNDERGROUND IRRIGATION SYSTEM. ALL LANDSCAPE AREAS TO BE IRRIGATED, EXCEPT AS NOTED. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR LANDSCAPE ARCHITECT APPROVAL. SYSTEM SHALL BE WINTERIZED(BLOW-OUT) AFTER THE FIRST OPERATIONAL SEASON AND SHALL PROVIDE STARTUP THE FOLLOWING SPRING. IRRIGATION SHALL HAVE TWO-YEAR WARRANTY ON PARTS AND LABOR FOLLOWING INSTALLATION APPROVAL BY OWNER. PROVIDE BACKFLOW DEVICE, WATER METER, BOOSTER PUMP, CONTROLLER, RAIN SENSOR, WIRES, VALVE BOXES, SLEEVING, VALVES, ROTIPS, SPRAYS, AND OTHER ACCESSORIES FOR A COMPLETE SYSTEM. MODIFY OR PROVIDE NEW SYSTEM.
13. LANDSCAPE AND IRRIGATION MAY BE PHASED AS COORDINATED WITH PROPERTY MANAGER.
14. CONCRETE PLANTER TO BE APPROXIMATELY 30" HIGH AND 42" DIAMETER, ORNAMENTAL, MATCH EXISTING.

Plant Schedule

TYPE	TOTAL	CODE	QTY.	COMMON/BOTANICAL NAME	SIZE	COMMENT
OVERSTORY	09	SLH 04	04	Skyline Honeylocust / <i>Gleditsia triacanthos inermis</i> 'Skyline'	2.5" CAL BB	SINGLE STEM, FULL
		ABM 05	05	Autumn Blaze Maple / <i>Acer x freemanii</i> 'Jeffers Red'	2.5" CAL BB	SINGLE STEM, FULL
ORNAMENTAL	15	WSB 04	04	White Spire Birch / <i>Betula populifolia</i> 'White Spire'	10' HT. BB	CLUMP
		PSC 06	06	Pink Spire Crab / <i>Malus</i> 'Pink Spire'	2' CAL BB	SINGLE STEM, FULL
		RSC 03	03	Red Spendor Crab / <i>Malus</i> 'Red Spendor'	2' CAL BB	SINGLE STEM, FULL
EVERGREEN	26	BHS 06	06	Black Hills Spruce / <i>Picea glauca densata</i>	8'-10' HT. BB	FULL
		COS 07	07	Colorado Green Spruce / <i>Picea pungens</i>	8'-10' HT. BB	FULL
		AUP 06	06	Austrian Pine / <i>Pinus nigra</i>	8'-10' HT. BB	FULL
		NMP 07	07	Norway Pine / <i>Pinus resinosa</i>	8'-10' HT. BB	FULL
SHRUBS	--	TNA 00	00	Techny Arborvitae / <i>Thuja occidentalis</i> 'Techny'	48" HT. #7 CONT	UPRIGHT
		CMA 00	00	Compact Amur Maple / <i>Acer ginnale</i> 'Compactum'	48" HT. #2 CONT	-
		DKL 00	00	Dark Korean Lilac / <i>Syringa meyeri</i> 'Palbin'	24" HT. #5 CONT	-
		TNY 00	00	Taunton Yew / <i>Taxus x media</i> 'Taunton'	24" SPRL. #5 CONT	-
		SCJ 00	00	Scandia Juniper / <i>Juniperus subnana</i> 'Scandia'	24" SPRL. #5 CONT	-
		CAR 00	00	Charles Albanel Rose / <i>Rugosa</i> 'Charles Albanel' (Explorer Series)	GRADE. #1 #2 CONT	-
PERENNIALS	--	FLT 00	00	Fleece Flower / <i>Fallopia japonica</i>	24" HT. #5 CONT	-
		SDO 00	00	Stella de Oro Daylily / <i>Hemerocallis</i> 'Stella de Oro'	2-YEAR. #1 CONT	-
PERENNIALS	--	AJS 00	00	Autumn Joy Sedum / <i>Sedum x Autumn Joy</i>	2-YEAR. #1 CONT	-
		LBS 00	00	Little Bluestem Grass / <i>Schizachyrium scoparium</i> 'Carousel'	2-YEAR. #1 CONT	-
		KFG 00	00	Karl Foerster Grass / <i>Calamagrostis x acutiflora</i>	2-YEAR. #1 CONT	-

NOTE: QUANTITIES ON PLAN SUPERSEDE LIST QUANTITIES IN THE EVENT OF A DISCREPANCY.

Landscape Data

ZONING:

MDD-6 MIXED DEVELOPMENT DISTRICT 6

OVERSTORY TREE REQUIREMENTS:

1 TREE PER 40 LF OF PROPERTY PERIMETER

OVERSTORY TREE CALCULATION:

3,445 LF(ENTIRE SITE) / 40 = 87 TREES MINIMUM

UNDERSTORY TREE AND SHRUB:

IN ADDITION TO OVERSTORY TREE REQUIREMENT
FULL COMPLEMENT OF UNDERSTORY TREES AND SHRUBS

MINIMUM TREE SIZE FOR 24" BLDG HT.:

TREE TYPE	DECIDUOUS	CONIFEROUS	PERCENTAGE
ORNAMENTAL	2.0" CAL. 5'- HT.	5'- HT.	5%
COMPLEMENTARY	2.5" CAL. 6'- HT.	6'- HT.	25%
ACCENT	3.5" CAL. 8'- HT.	8'- HT.	25%
PRIMARY	4.5" CAL. 10'- HT.	10'- HT.	20%
FULL	5.5" CAL. 12'- HT.	12'- HT.	20%

TREE ROOT AND SPECIES:

BALL & BURLAP/SPADED AND 50% MAXIMUM OF ONE TYPE

SCREENING:

TRASH / SERVICE AREA = 5'-10' HEIGHT
PARKING = 4'-10' HEIGHT

EXISTING TREE CREDIT:

EXISTING TREES THAT MEET THE SAME SIZE REQUIREMENT MAY
OFFSET THE NUMBER OF REQUIRED.

EXISTING TREE SUMMARY

EXISTING TREES = 139

SAVED TREES = 90

- 21 OVERSTORY(FULL)

- 37 UNDERSTORY ORNAMENTAL(ORNAMENTAL)

- 32 EVERGREEN(FULL)

REMOVED TREES = 49

- 16 OVERSTORY(FULL)

- 00 UNDERSTORY ORNAMENTAL(ORNAMENTAL)

- 33 EVERGREEN(FULL)

TREES PROVIDED:

TOTAL TREES = 140 (50 PROPOSED + 90 SAVED)

PROVIDED TREES = 50

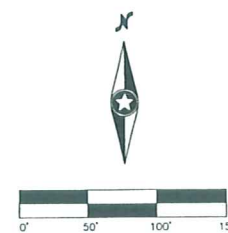
- 09 OVERSTORY (2.5" CAL.)

- 15 UNDERSTORY (2.0" CAL.)

- 26 EVERGREEN (8' HT.)

Landscape Legend

EXISTING	EXISTING TO REMAIN	PROPOSED	
			DECIDUOUS SHADE TREE
			DECIDUOUS ORNAMENTAL TREE
			CONIFEROUS TREE
			SHRUBS
			PERENNIALS
			EDGER
			ORNAMENTAL GRASSES
			ANNUALS
			COBBLESTONES
			BOULDERS
			CONCRETE PLANTER



NOT FOR CONSTRUCTION

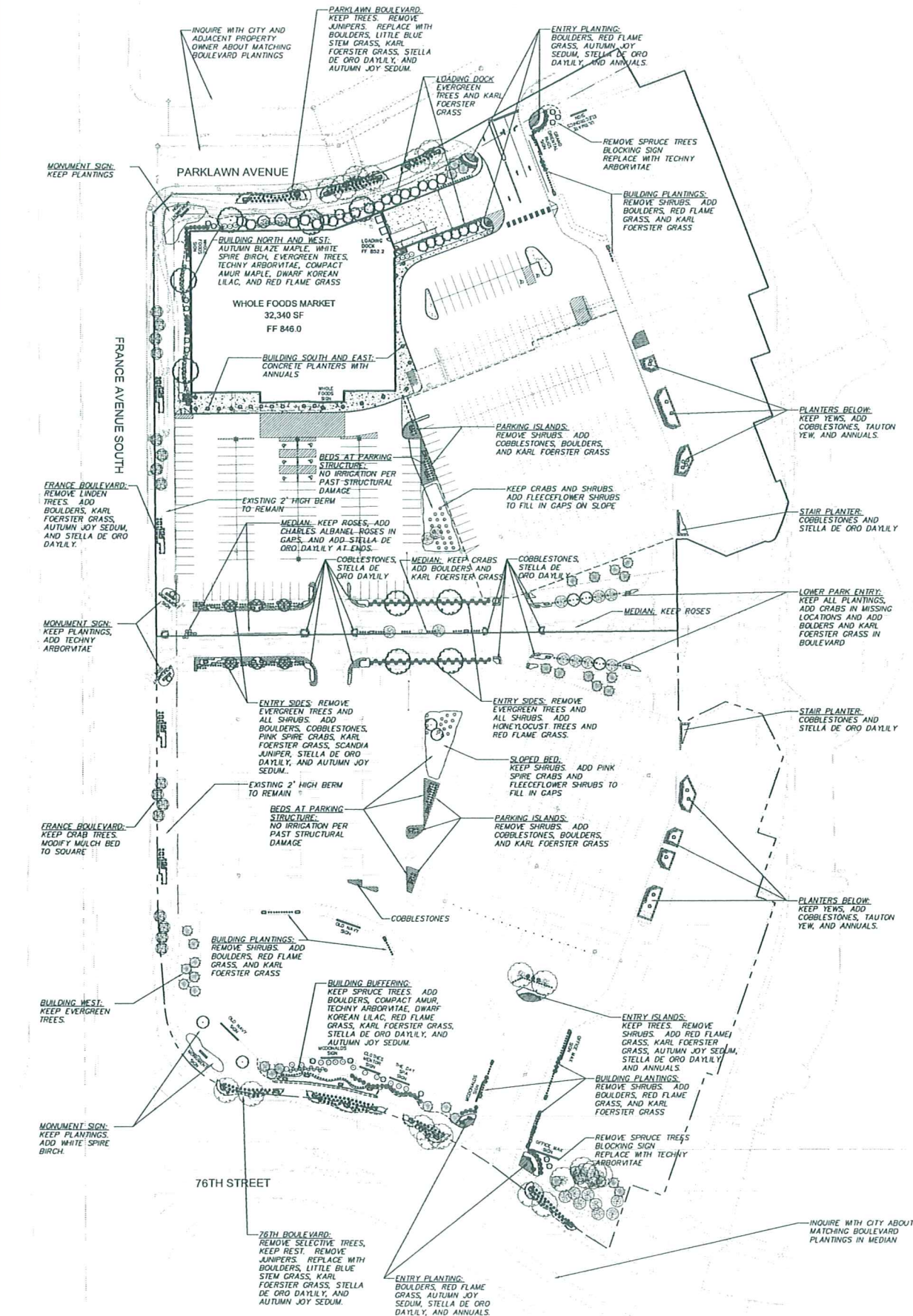
Date: 10/29/10

Sheet: L2 OF 7

Whole Foods

Bldg. Minnesota

Landscape Plan





PHOTOMETRIC PLAN
WHOLE FOODS CENTENNIAL LAKES PLAZA EDINA, MN.
COLLINS ELECTRICAL CONSTRUCTION CO.

Designer

D HOVE

Date

10/29/10

Scale

1"=50'-0"

Drawing No

E1

CITY OF EDINA

NOT FOR CONSTRUCTION

Date: 10/29/10

20101176LPP01.cwg
Sheet: E1 of 7Site Lighting
Plan

Whole Foods

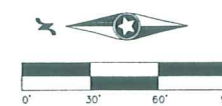
Edina, Minnesota

STATISTICS

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
EAST RETAIL PARKING AREA	+	2.1 fc	6.2 fc	0.0 fc	N/A	N/A
Property Line	+	0.1 fc	0.8 fc	0.0 fc	N/A	N/A
WHOLE FOODS PARKING	+	4.8 fc	41.0 fc	1.2 fc	34.2:1	4.0:1

LUMINAIRE SCHEDULE

Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
○	A(EX)	7	KVR2 400M ASYFL (EXISTING)	ROUND AREA LIGHT, ASYMMETRIC DISTRIBUTION, FLAT LENS, MEETS THE "NIGHTTIME FRIENDLY" CRITERIA	ONE 400-WATT CLEAR BT-37 METAL HALIDE, VERTICAL BASE UP POSITION	KVR2_400M_A SYFL_(PROB E).kls	36000	0.81	930
○	B(EX)	2	KVR2 250M SYMFL (EXISTING)	ROUND AREA LIGHT, SYMMETRIC DISTRIBUTION, FLAT LENS, MEETS THE "NIGHTTIME FRIENDLY" CRITERIA	ONE 250-WATT CLEAR BT-37 METAL HALIDE, VERTICAL BASE UP POSITION	KVR2_250M_S YMFL_(PROB E).kls	23750	0.81	297
○	C(EX)	1	KVR2 400M ASYFL (EXISTING)	ROUND AREA LIGHT, ASYMMETRIC DISTRIBUTION, FLAT LENS, MEETS THE "NIGHTTIME FRIENDLY" CRITERIA	ONE 400-WATT CLEAR BT-37 METAL HALIDE, VERTICAL BASE UP POSITION	KVR2_400M_A SYFL_(PROB E).kls	36000	0.81	465
○	A(N)	1	KVR2 400M ASYFL (NEW)	ROUND AREA LIGHT, ASYMMETRIC DISTRIBUTION, FLAT LENS, MEETS THE "NIGHTTIME FRIENDLY" CRITERIA	ONE 400-WATT CLEAR BT-37 METAL HALIDE, VERTICAL BASE UP POSITION	KVR2_400M_A SYFL_(PROB E).kls	36000	0.81	930
○	A(R)	3	KVR2 400M ASYFL (RELOCATED)	ROUND AREA LIGHT, ASYMMETRIC DISTRIBUTION, FLAT LENS, MEETS THE "NIGHTTIME FRIENDLY" CRITERIA	ONE 400-WATT CLEAR BT-37 METAL HALIDE, VERTICAL BASE UP POSITION	KVR2_400M_A SYFL_(PROB E).kls	36000	0.75	930
○	B(R)	1	KVR2 250M SYMFL (RELOCATE)	ROUND AREA LIGHT, SYMMETRIC DISTRIBUTION, FLAT LENS, MEETS THE "NIGHTTIME FRIENDLY" CRITERIA	ONE 250-WATT CLEAR BT-37 METAL HALIDE, VERTICAL BASE UP POSITION	KVR2_250M_S YMFL_(PROB E).kls	23750	0.81	297
□	D(N)	2	TFL 400M RA2 (PROBE)	SPECIFICATION FLOODLIGHT, RA2 DISTRIBUTION, 400W MH, W/ CLEAR LAMP.	ONE 400-WATT CLEAR ED-28 METAL HALIDE, HORIZONTAL POSITION.	TFL_400M_RA 2_(PROBE).kls	32000	0.81	462
□	F(N)	1	TFL 400M RA2 (PROBE)	SPECIFICATION FLOODLIGHT, RA2 DISTRIBUTION, 400W MH, W/ CLEAR LAMP.	ONE 400-WATT CLEAR ED-28 METAL HALIDE, HORIZONTAL POSITION.	TFL_400M_RA 2_(PROBE).kls	32000	0.81	924



Westwood Professional Services, Inc.
2095 Annapolis Drive
Eden Prairie, MN 55344
PHONE 952-937-5110
FAX 952-937-5827
TOLL FREE 1-800-937-5150
www.westwoodps.com

I hereby certify that this plan was prepared by me or under my
direct supervision and that I am a duly licensed PROFESSIONAL
ENGINEER under the laws of the State of Minnesota.

Donald M. Parks
Date: 10/29/10 License No. 18919

Revisions:

Designed:

Checked:

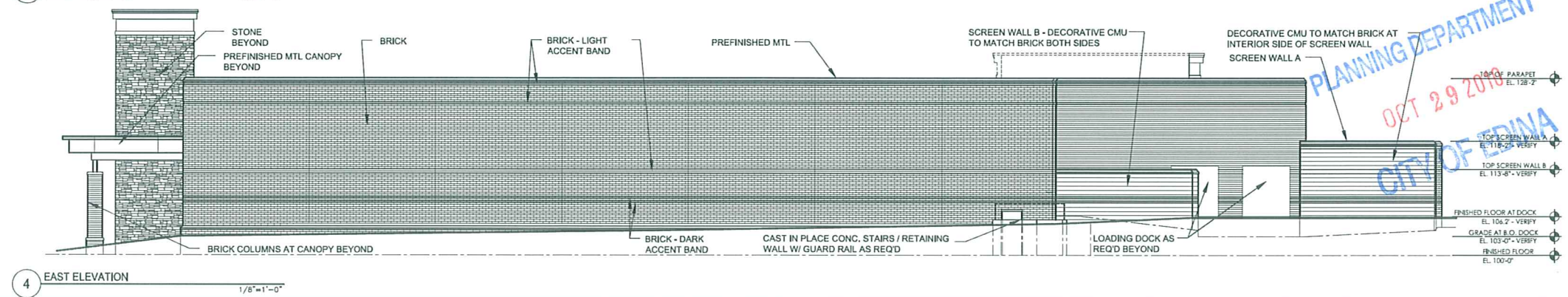
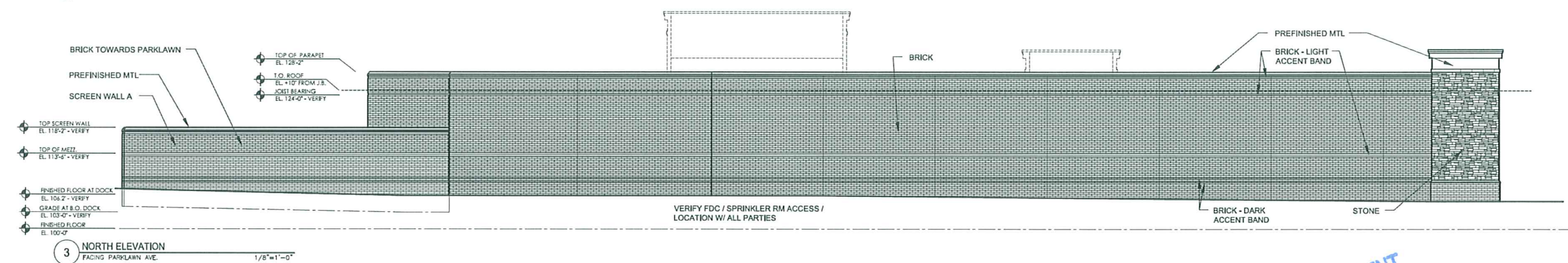
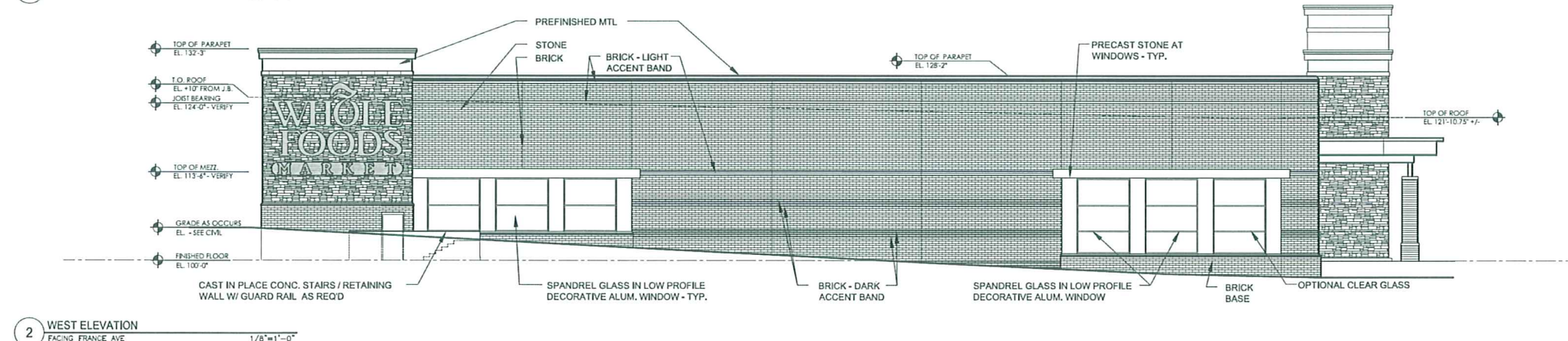
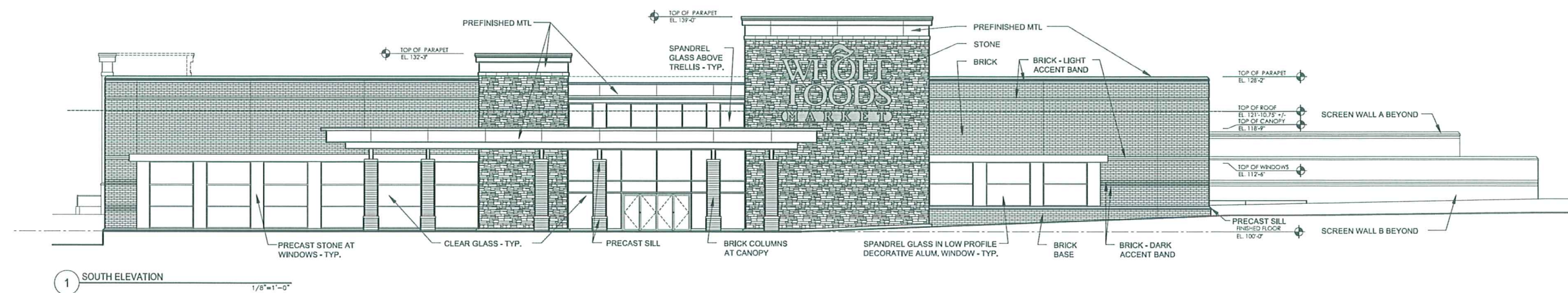
Drawn:

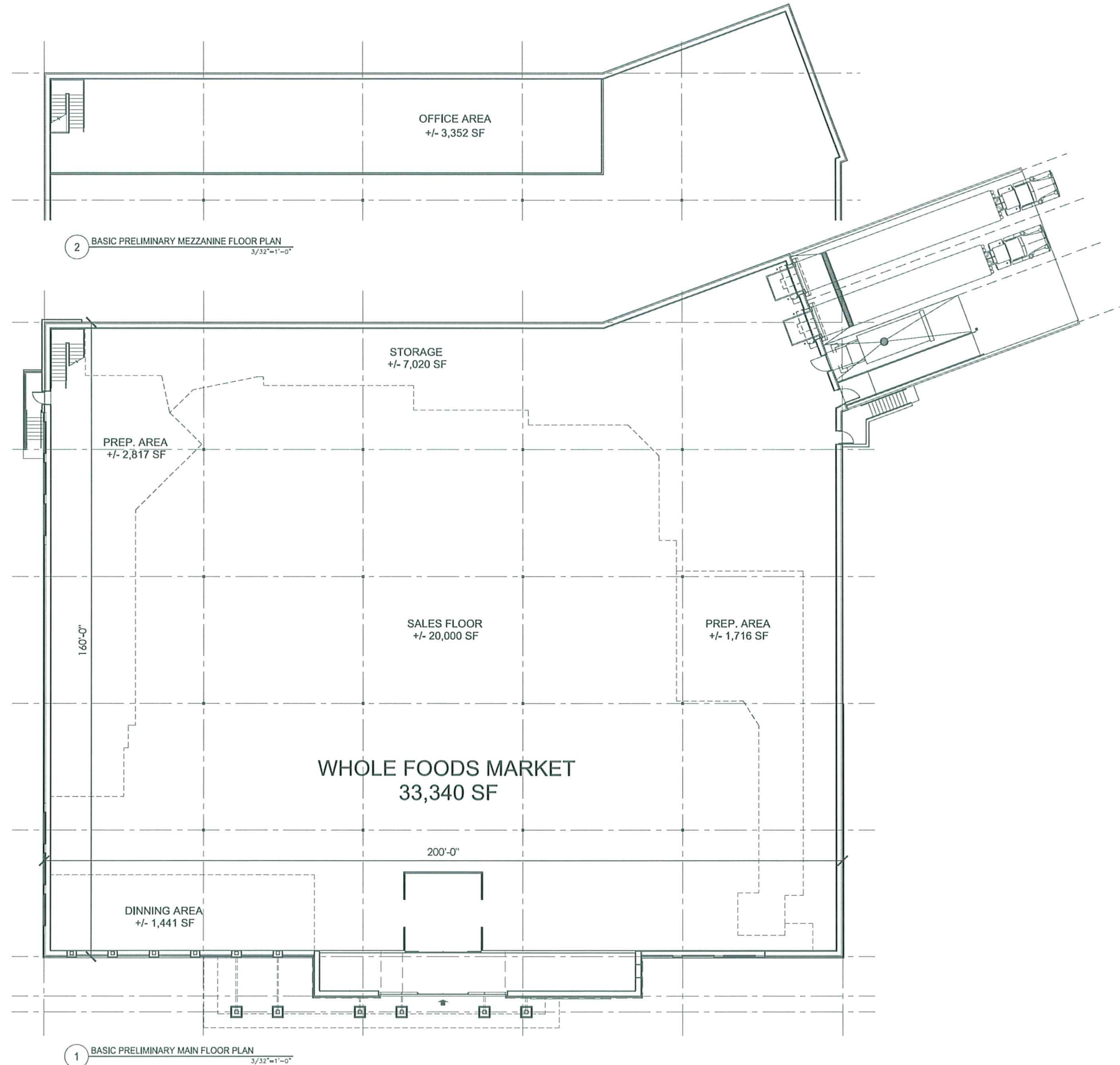
Revised Drawing by/Date:

Prepared for:

Centennial Lakes Plaza, LLC \ Mid-America Real Estate-Minnesota, LLC

5353 Wyzata Boulevard, Suite 650
Minneapolis, Minnesota 55416





ARCHITECTURAL CONSORTIUM L.L.C.

901 North 3rd Street
Minneapolis, MN 55401

612-436-4030
Fax 612-692-9960

PREPARED
FOR:

CENTENNIAL LAKES PLAZA, LLC
MID AMERICA - REAL ESTATE
5353 WAYZATA BLVD., SUITE 650
MINNEAPOLIS, MN 55416

WHOLE FOODS

EDINA, MINNESOTA

PROPOSED FLOOR PLAN

SCALE: AS NOTED

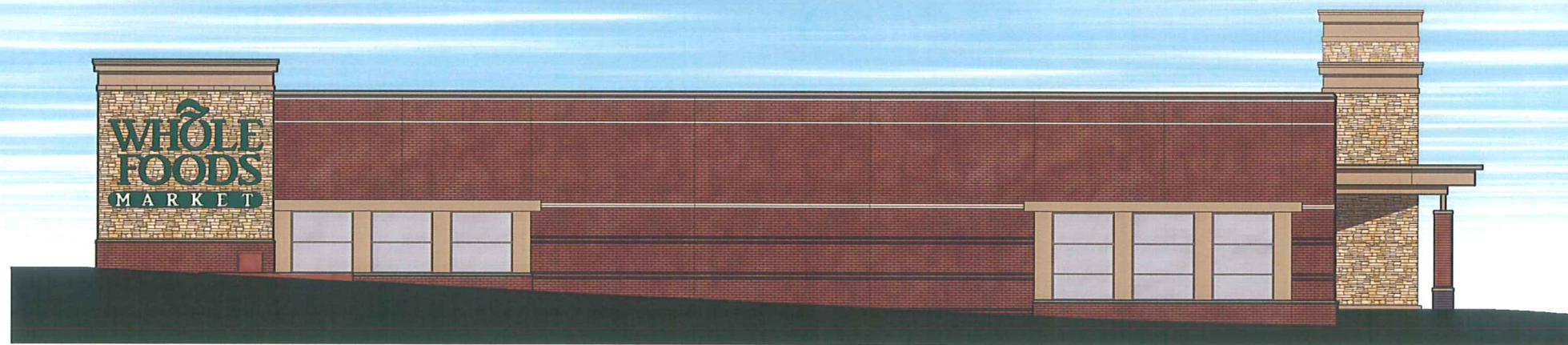
MARK	REVISION / ISSUE	DATE
	CITY SUBMITTAL	10/29/10

PROJECT NUMBER:	10-1059-01
ISSUED DATE:	10/29/10
DRAWN BY:	ES
CHECKED BY:	KA

A 2.1



SOUTH ELEVATION



WEST ELEVATION
FACING FRANCE AVE

**ARCHITECTURAL
CONSORTIUM L.L.C.**

901 North 3rd Street
Minneapolis, MN 55401

612-436-4030
Fax 612-692-9960

PREPARED FOR:

CENTENNIAL LAKES PLAZA, LLC
MID AMERICA - REAL ESTATE
5353 WAYZATA BLVD., SUITE 650
MINNEAPOLIS, MN 55416

WHOLE FOODS

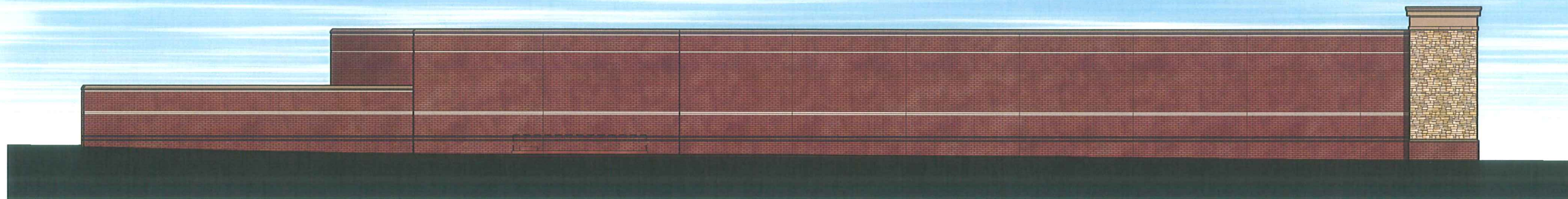
EDINA, MN

EXTERIOR RENDERING

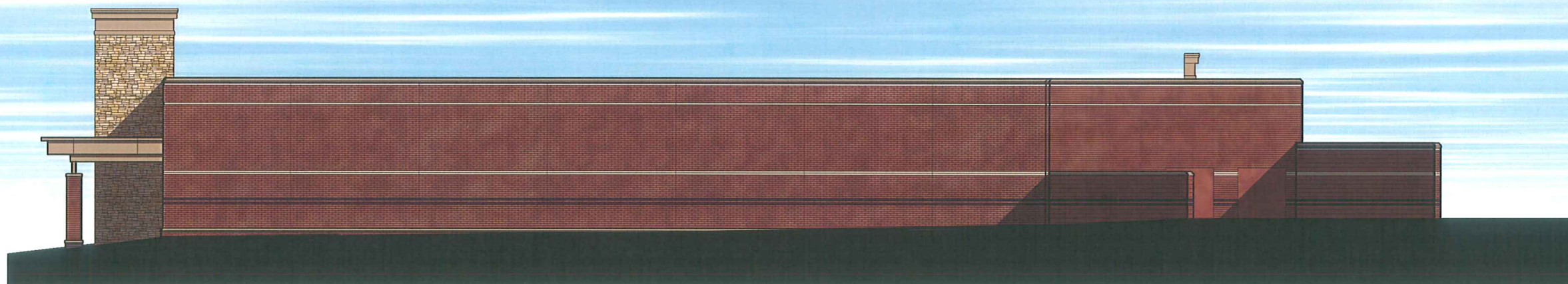
SCALE: AS NOTED

PROJECT NUMBER:	10-1059-01
ISSUED DATE:	10/29/10
DRAWN BY:	ES
CHECKED BY:	KA

A 3.1



NORTH ELEVATION
FACING PARKLAWN AVE.



EAST ELEVATION

**ARCHITECTURAL
CONSORTIUM L.L.C.**

901 North 3rd Street
Minneapolis, MN 55401

612-436-4030
Fax 612-692-9960

PREPARED FOR:

CENTENNIAL LAKES PLAZA, LLC
MID AMERICA - REAL ESTATE
5353 WAYZATA BLVD., SUITE 650
MINNEAPOLIS, MN 55416

WHOLE FOODS

EDINA, MN

EXTERIOR RENDERING

SCALE: AS NOTED

PROJECT NUMBER:	10-1059-01
ISSUED DATE:	10/29/10
DRAWN BY:	ES
CHECKED BY:	KA

A 3.2